Hello,

Thank you for purchasing VK cellular phone.

VK4000 is a fabulous slide type camera MP3 phone only for brilliant people. 260K TFT LCD allows you to enjoy multimedia functions through clear and precise screen. The 64 poly brings you incredible sound that is almost similar to that of the original sound quality and it will be your take-out audio system. VK4000 is embedded with cutting edge camera that features 1.3mega pixels, 4x digital zoom, self-timer function, and video clip recording function.

Thank you again for choosing VK product and we hope you have greatest success in your business with VK4000.

Please read 'Safety Precaution' prior to use.
The content of this manual and functions of cellular phone are subject to change depending on the software version and conditions in business.

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PRIOR TO USE

- Safety Precaution
- Unpacking
- Phone Layout and Keys Function
- Keys Description
- LCD Icon Description
- Inserting SIM Card and Battery
- Charging Battery
- Reference About Battery Charging

VK4000

PRIOR TO USE

Safety Precaution

Please read safety precaution before using your cellular phone. Precaution contains contents that prevent users from potential health and financial hazards. Read carefully and use the product accordingly. If the following regulation stated in precautions is not followed, you may be subject to penalties or may cause illegal conditions. For more information, refer to 'Health and Safety Precaution' described in the appendix of this manual.

Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. Follow traffic related regulations while driving. Using hand-held device while driving can be direct and indirect cause of accidents. If it is necessary to use a hand-held phone, park the vehicle before conversing or use hands-free/ear-microphone.

Potentially Explosive Atmosphere

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions.

Switch Off While Refueling
Users are advised to switch off the phone while at a refueling point (gas station).

Switch Off in Aircraft
Electronic frequency generated from your cellular phone can influence electronic equipments that are not radio frequency shielded on an airplane and cause dangerous conditions.

Switch Off in Hospitals
Follow any regulations or rules in force. Switch off your phone near medical equipment. All wireless phones may be subject to interference that can influence the performance of medical equipment. Consult with the medial equipment manufacturer to assure the equipment is safe from high-frequency energy.

Special Regulations
Meet any special regulations in force in any area and always switch off your cellular phone whenever the use if forbidden such as concert hall, public area, and etc. Also, avoid using your phone where the use of phone can cause serious danger (hospital, potentially explosive area, while driving).

Effective Phone Usage
Please use your cellular phone for proper purpose. Avoid unnecessary contact with the antenna when the phone is switched on. It may deteriorate the conversation quality and may incur extra power usage.

Backup Data from Cellular Phone
Phone numbers, message and data stored in the phone book can be lost due to user's negligence. When cellular phone may be damaged and your data may be lost while repairing. Back up important data in safe medium. We do not take responsibility for damages incurred due to data loss.

Keep Cellular Phone in Dry Place
This cellular phone is not water-proof. Keep it in dry place.

Cellular Phone and Frequency Interference
All cellular phone are subject to radio frequency interruption. Radio frequency interference may influence the performance of your cellular phone.

Accessories and Batteries
Use only VK-approved accessories and batteries. If original accessories are not used, battery can explode or damage your cellular phone.

Approved Service Center
When repairing your cellular phone, use only VK approved service centers.

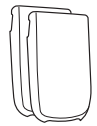
Emergency Calls
The cellular phone needs to be switched on and had to be in service area. If other functions are in use, finish the other function by pressing END key. Then, press emergency number and press CALL button. Describe your location and the emergency condition. Emergency call does not end until you hang up.

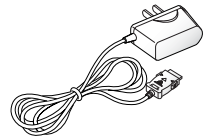
Unpacking

1. Handset

Cellular Phone

2. Battery and Travel Adapter





Battery Travel adapter

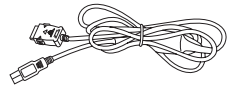
3. Accessories

User's Manual

Hand Strap

Ear-microphone

PC Sync CD



Data Cable

Actual product may look different from the above picture.

Phone Layout and Keys Function

Keys Description

Left soft key
Enter the left bottom menu of the display.

Send/Dial key
Make/Answer a calls.
When this button is pressed in standby mode, the last number you dialed will be redialed.

Navigation key
Up : MP3 Player
Down : Gallery
Left : Message
Right : My Favorite

WAP/OK key
Enter WAP from standby mode.
Access function indicated on the bottom of the display.

Camera key
In standby mode enters Camera.

Right soft key
Enter the Right bottom menu of the display.
In standby mode enters Contacts.

End/Power on-off key
End a call. Hold down to switch the phone on and off.
In menu mode, cancels input and returns the phone to standby mode.

Alphanumeric keys
Enter number and characters.

*** key**
Hold down to activate Manner mode on/off.

 # key
Hold down to activate Lock mode on/off.

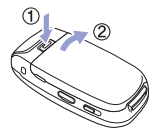
CLR key
Delete charaters from the display.

Volume key
Adjust the button volume from standby mode. Conversation volume adjustment while speaking on the phone. While slide is closed hold down the volume key turns on LCD.

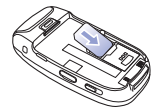
LCD Icon Description

- Shows the received signal strength. [Strong : Weak :]
- Appears when a call is in progress.
- Appears when you are out of a service area.
- Appears when you set the key pad lock function.
- Appears when you have new or unread message.
- Appears when you set the alarm to ring at a specific time.
- Appears when you set the alert type for incoming calls to vibration.
- Appears when you set the Bluetooth function.
- Shows the level of your battery.

Inserting SIM Card and Battery

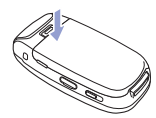


1. ① Turn off the power of cellular phone.
   ② Remove battery as shown in the figure below.



2. Face the gold color contact point of SIM card towards the cellular phone and push in the SIM card into the slot.

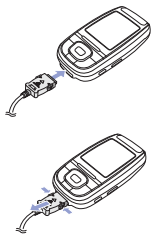
3. Push in the battery as shown in the figure below. Align the battery as shown in the figure.



4. Push in the battery until it makes 'Click' sound.

5. Switch on the cellular phone.

Charging Battery



Charging with traveler' s kit

Battery can be charged without desktop charger, thus, it is easier to take the charger with you.
Charging through traveler's kit may take longer than using the desktop charger.

Connect traveler's kit to the external connector of cellular phone.

Connect the traveler's kit to the power outlet.

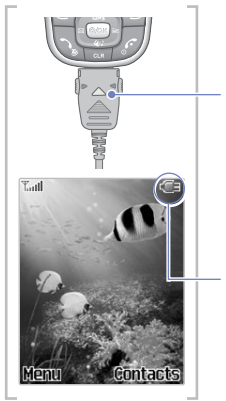
Reference About Battery Charging

Handset Power off Status

TA LED status
It is normal charging status that the LED displays Green Color.

Handset DISPLAY Status
Shows Battery charging status.

Handset Power on Status



TA LED status

It is normal charging status that the LED displays Green Color.

Handset DISPLAY Status

Charging Display Icon.

BASIC FUNCTIONS

- Basic Operation
- Contacts
- Character Input Mode

VK4000

BASIC FUNCTIONS

Basic Operation

Switching On/Off

Switch On : Hold down button for 2 seconds or longer.
If no SIM card is inserted in the cellular phone, a message window that states no SIM card is inserted is displayed.
In this case, only emergency call can be used and the rest of functions cannot be used.
If you are asked with password, enter the password and press 'OK' button.
The default password is set to '0000'.
Switch Off : Hold down button for 2 seconds.

Making a Call

[Dialing]

1. Enter area code and phone number in standby mode.
2. Press button.
   When you entered a wrong number, press CLR button to erase one number at a time.
   Hold down CLR button for 2 seconds to erase all entered numbers.

[Making a Call from Contacts]

You can make a call without entering phone number. Using phone numbers that are pre-stored, you can make a call.
Press the right soft key to enter the contacts.
For more details on contacts, see page 34.

[Latest Call List]

You can make a call using the latest call list.

1. Press button shortly to display the latest call list in order of call time. Or, enter by accessing Menu → 3. Calls → 1. Call History
2. Select desired phone number using the key.
3. Press button.
   For more detail, refer to “Call History” on page 81.

[Speed Dialing]

You can make a call using speed dialing.
Using number keys from 2 to 9, hold down the pre-stored speed dial number for 2 seconds.
If the phone number is stored in your cellular phone hold down the speed dial number.
If the phone number is stored on SIM card press the speed dial number first, press # key, and press key.
Speed dial number can be configured from 2 to 99.
For more detail, refer to “Contacts” on page 34.

[Making an International Call]

1. Holding down 0 button for 2 seconds displays + symbol.
2. Enter the country code, area code, and phone number after + symbol.
3. Press button.

Answering a Call

1. When there is an incoming call, either bell tone or vibration is activated depending on the configuration.
2. Open the slide or press button.
3. To hang up, either close the slide or button.
   If a caller ID service is activated and if the incoming phone number is already stored in your contacts, the name you have stored for the phone number is displayed.

Hanging up

Close the slide or press button to hang up.

Options During a Call

You can use a variety of functions while talking on the phone.

[Call Standby]
This function is available only when a network service is provided. Using this function, you can make a call or answer other calls during any time of call.

[Ending a Call]
End a call during a Call : This function ends the current call.
End a call on hold : This function ends a call on hold.
End all calls : This function ends both the current call and the call on hold.

[Adding a call]
With this function, you can make a new call during a call.

[Waiting a call]
When there is a new incoming call, you can either answer the call or put it on hold.

[Swap]
You can switch the current call with the new incoming call.

[DTMF Function]
You can enter numbers and send it during a call.
In case where you need to enter a long sequence of numbers such as paging, ARS, or Telebanking, you can store the frequently used numbers (social security number or bank account number) to send them with greater convenience.

[Mute]
You can turn off the microphone so that the caller on the other side cannot hear you.
Select a call list and select 'Mute'.
When a call is ended, 'Mute' function is automatically released.

[Contacts]
You can search the contacts during a call.

[SMS Function]
When this function is used during a call, you can send/SMS without handing up a call.

[Conference Call]
This function is available when a network service is provided.
Up to 6 people can talk at a time.
For more details, please contact your service provider.

[Private Call]
While using Conference Call function, you can use this function to talk to a specific person.

[Using Menu Function]
Menu function can be used during a call. During a call, use either the left soft key or option key to enter the call option. However, the available menu function during a call is limited.
For more details, refer to "Menu Tree" on page 59.

[Volume Adjustment During a Call]
You can adjust the volume during a call using button located on the side of your cellular phone.
The volume can be adjusted in five steps.

Missed Calls

Missed calls are displayed with the Caller's phone number and how many times the caller had called you.
Press CLR key to exit Missed Call window.
Missed call phone number can be edited.
For more detail, refer to "Call History" on page 81.

Volume Adjustment

You can adjust the conversation volume using button located on the side of your cellular phone during a call.
Open the slide in standby mode and press button on the side of the cellular phone to adjust the button volume.
Press UP button of key to increase the volume. Press down button of key to decrease the volume.

Etiquette Mode

This function puts the cellular phone into Etiquette mode. Bell tone and button sound are changed to vibration, ramp blinking and Etiquette mode.
In areas where etiquette is required, such as public area, concert hall, lecture hall and conference room, this function is convenient.
Hold down key to setup Etiquette Mode.
Hold down button again to release Etiquette Mode.
When Etiquette Mode is configured, icon is displayed on the screen.
When Etiquette Mode is set up, schedule/anniversary/alarm/message are notified through vibration.
When the cellular phone is turned off in Etiquette Mode, the cellular phone stays in Etiquette Mode when it is turned on later.

Using Ear-microphone

Ear-microphone frees your hand during a call.
To use ear-microphone, insert the ear-microphone into ear-microphone slot on the side of the cellular phone.

Standby Screen Function

Run the standby screen function using [••] and [•••] keys.

The left soft key executes function that left bottom line of the display.

In standby mode, pressing this key enters menu.

The right soft key executes function that right bottom line of the display.

In standby mode, pressing this key enters Contacts.

Contacts

You can store phone numbers and name in the contacts and retrieve to make a call. Data can be stored both in SIM card and your cellular phone, while you can search through one contacts list for data.
Note that the maximum amount of data stored depends on the type of SIM card.
When you purchase a new cellular phone, the phone numbers stored on SIM card can be inserted into the new cellular phone and retrieved.

Storing Phone Numbers

Phone numbers can be stored using either of two methods.
Directly Entering Phone Number.
Access Contacts and store a new phone number.

[Directly Entering Phone Number]

1. First, enter the phone number you want to store in the standby screen.
2. 'Save' is displayed on the left-bottom of the screen.
3. Confirm the entered phone number and press [•••] key to save.
   When you entered incorrect number, press [CLR] key to erase.
   Press [CLR] key once to erase one number at a time. Hold down [CLR] key for longer than 2 seconds to erase all entered number.

4. Select whether to save on your cellular phone or on SIM card.
5. Set up the type of phone number.
   Phone number types such as Mobile, Home, Office number can be saved on the cellular phone.
   When the phone number is stored on SIM card, only one representative phone number for the individual can be saved.
6. Enter the name.
   For more detail, refer to "Character Input Mode" on page 50.
7. Set up the group type.
8. Two more phone numbers other than the first phone number you have saved, can be stored.
   Enter the related phone numbers next to each icon.
   Note that only one phone number can be saved for the individual on SIM card.
9. Set up the default phone number.
10. Configure the speed dial number. The speed dial number can be configured form 2 to 99.
11. Configure the image to be displayed for the phone number.
12. Enter e-mail address.
13. Enter homepage address.
14. Enter fax number.

15. Enter home address.
16. Configure special bell tone.
    When this bell phone is configured, an incoming call from the configured phone number plays the selected number.
17. Enter Job title.
18. Enter name of company.
19. Enter note.
20. Confirm all the entries and press [OK] key to save.

Functions from 8 to 19 can only be used when the phone number is stored on the cellular phone.
Only name, phone number, group type, and speed dial be configured on SIM card.

[Access Contacts and store a new phone number]

1. Press [Menu] key in standby mode to enter contacts.
2. The entire phone list is displayed.
3. Enter option screen by pressing [OK] key.
4. Press 1 to enter 'New' screen.

5. Select whether to store phone number on the cellular phone or SIM card.
6. Enter the name.
   For more detail, refer to "Character Input Mode" on page 50.
7. Configure group type.
8. Enter phone number and relevant phone number into fields located next to each icon.
   Note that only one phone number can be stored on SIM card.
9. Set up the default phone number.
10. Configure speed dial number. Speed dial numbers can be configured from 2 to 99.
11. Configure the image to be displayed for the phone number.
12. Enter email, homepage URL, fax number, home address.
13. Configure the bell tone.
14. Enter occupation, name of company, and note.
15. Confirm all the entries and press [OK] keys to save.

Functions from 11 to 14 can be used only when the phone number is stored on the cellular phone.
Only name, phone number, group type, and speed dial be configured on SIM card.

Search Phone Number

You can search phone number from the entire contacts list or perform selective search using various methods. (name, phone number, speed dial, group and etc.)

[Search All]

This function displays all phone numbers stored in the contacts. (The list includes stored in the cellular phone and SIM card)

1. Press key in standby mode to enter the contacts.
2. The entire contacts list is displayed.
3. Select a phone number and press key to make a call to the selected individual.

[By Name]

1. Press key in standby mode to enter contacts.
2. Press key to enter the search option.
3. Select 1 to enter 'By Name'.
4. When an edit window is displayed, enter the name of individual and press key.
   Entering only one character searches all names that contain the entered character.

5. Press key to make a call to the selected individual.

[By Group]

1. Press key in standby mode to enter the contacts.
2. Press key to enter the search option.
3. Select 2 to enter 'By Group'.
4. Using left and right button on key to select a group.
5. Search a phone number from the selected group.
6. Press key to make a call to the selected individual.

[By Speed Dial]

You can save the phone number and then dial them easily whenever you want, simply by pressing the associated number key.

1. Press key in standby mode to enter the contacts.
2. Press key to enter the search option.

3. Select 3 to enter 'By Speed Dial'.
4. Enter the speed dial number that you want to search. If you don't know the speed dial number that you want to search, press 8tuv key to enter the entire speed dial number list.
   The entire speed dial number list is searched.
   Using key, either select or enter the speed dial number to be searched.
5. Press key to make a call to the selected individual.

[By Number]

1. Press key in standby mode to enter the contacts.
2. Press key to enter the search option.
3. Select 4 to enter 'By Number'.
4. Enter the number to search.
   Entering only one number searches all phone numbers that contain the entered number.
5. Press key to make a call to the selected individual.

[SDN]

You can search special service dial number via SDN. You can use this function in emergency paging. You can search items such as address, phone number, and voice mailbox number.
Telephone numbers supplied by your network provider and giving access to special services, such as voice mail, directory inquiries, customer support and emergency services.

1. Press key in standby mode to enter the contacts.
2. Press key to enter the search option.
3. Select 5 to enter 'SDN'.
4. Using key, select a phone number.
5. Press key to make a call to the selected phone number.

[DDD]

With this function, you can search for the area code.

1. Press key in standby mode to enter the contacts.

2. Press key to enter the search option.
3. Select 6 to enter 'DDD'.
4. When the list of area code appears, select an area code using key.

Contact Menu Function

You can use variety of contacts functions.
1. Press key in standby mode to enter the contacts.
2. Press key to enter the option.

[New]
This function stores a new phone number.

Standby Mode → → → Press 1

For more information, refer to "Storing Phone Numbers" on page 34.

[Details]
This function shows details of the selected item.

Standby Mode → → → Press 2

You can also enter this function by pressing key in the entire phone number list of contacts.

[Delete]
You can either delete an item or the entire contacts.
Delete

Standby Mode → → → Press 3 → Press 1

Only the selected phone numbers are deleted.
Delete All

Standby Mode → → → Press 3 → Press 2 → Select among the Phone, SIM and Both.

All phone numbers in contacts are deleted.

[Copy]
Selected phone numbers can be copied. When a phone number stored in the cellular phone is copied, the phone number is copied to SIM card and vice versa. When 'copy all' is selected, all phone numbers are copied from the current storage medium to the other.

Copy

Standby Mode → [...] → [..] → Press 4 → Press 1

Copy All

Standby Mode → [...] → [..] → Press 4 → Press 2 → Selete 'phone to SIM' or 'SIM to phone'

[Move]
A selected phone number is moved from the cellular phone to SIM card, and vice versa.

Standby Mode → [...] → [..] → Press 5

[Group Manager]
Phone numbers can be categorized into groups. Selected bell tones can be configured for each group.

Standby Mode → [...] → [..] → Press 6

Select a group using [MP3/OK] key.

New

1. Press [..] key to enter to make a new group.
2. Enter the new group name.
3. Configure the bell tone.
4. Configure the image to be displayed for the phone number.
5. Select the members of the new group.
6. Confirm all the entries and press [..] key to save.

Edit

Group bell tone, image, and group members can be edited.
Selecting image enters gallery.
Select one of stored images from the gallery and press [MP3/OK] to save.
Group member can be selected from all phone number list stored in the cellular phone.

Delete

Delete a selected group.

[Speed Dial]

Standby Mode → [Menu] → [Menu] → Press 7

A list of phone number for speed dial numbers is displayed.
Press [Menu] key from a selected item to display 'Add' or 'Edit', 'Delete' and 'Goto' menus.
It appears 'Add' at display, if the selected speed dial number didn't indicate the phone number, otherwise it displays 'Edit'.
Press 'Add' to edit the selected speed dial number to other number.
Press 'Edit' to move the selected phone number to other speed dial number.
Pressing 'Delete' removes the selected speed dial number item.
Press 'Goto', if you want to confirm in use, you can check speed dial number whether you can use it or not.
If you have not set up speed dial number, <Empty> message is displayed.

[Own Number]

Enter a desired number to set up speed dial.

Standby Mode → [Menu] → [Menu] → Press 8

Only name and phone number can be stored using 'Own Number'.

[Memory Status]

This function displays the currently used memory by numbers.

Standby Mode → [Menu] → [Menu] → Press 9

This function shows the status of SIM card and the cellular phone separately.

Menu Function of Selected Items

1. Press [Menu] in standby mode to enter the contacts.
2. Select a phone number to edit and press [OK] key to see the details.
   Or, press [Menu] key and press 2 key to see the details.
3. Press [Menu] key to display the option for the selected number.

[Edit]
All configured items such as name, group, phone number, default number, speed dial number, image, email address, address, and etc. can be edited.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 1

For more details, refer to "Storing Phone Numbers" on page 34.

[Send message]
You can send SMS message to a selected phone number.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 2 → Select 'Short message' or 'Multimedia message' → Enter message → Send

For more details, refer to "Message" on page 65.

[Send Contact]
You can send the selected phone number to other people.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 3

Via Short Message : Send the selected phone number via SMS.
Via Bluetooth : Send the selected phone number via Bluetooth.

[Delete]
This function deletes the selected item.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 4

[Copy]
This function copies a selected item. A phone number stored in a cellular phone is copied to SIM card, and vice versa.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 5

[Move]
This function moves a selected phone number from the cellular phone to SIM card, and vice versa.

Standby Mode → [Menu] → Select a phone number → [OK] → [Menu] → Press 6

Character Input Mode

T9 Mode

This mode allows you to enter English words with only one keypress per letter.
Each key on a keypad has more than one letter a single press on the 5 key could be J, K or L. The T9 mode automatically compares your key presses to an internal linguistic database to determine the correct word. This mode is based on a built-in dictionary.
This mode requires far fewer keystrokes than the traditional multi-tap method.

[Typing English Words]

To type a word, press keys corresponding to the letters you need. Remember the following as you are typing :

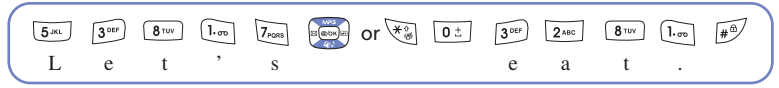
1. Press key on the phone just once per desired letter. For example, to enter 'hello', press the following keystrokes : 4,3,5,5,6.
2. The word you are typing appears in the display. It may change with each key you press.
3. Press the # key, you can display alternate word choices for the keys that you have pressed.
4. Complete each word with a space by pressing the 0 key.

5. If the word that appears in the display is not the word that you desire, press the one or more times to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both share the sequence 6, 3) The phone displays the most commonly used choice first.

This mode displays all the words which are containing the letters you have entered.
By doing this, the T9 mode saves you typing extra keypress.

[Smart Punctuations]

Full stop, hyphen and apostrophe are available on the 1 key. The T9 mode applies rules of grammar to insert the correct punctuation.
Notice that the 1 key is used twice in this example to display two punctuation marks :



ABC Mode

When typing in ABC mode, you should press numbers key labeled with the required character:
- Once for the first character.
- Twice for the second character and so on.

For example, you press the 2 key three times quickly to display the character “C”, the 5 key three times quickly to display the character “L”.
So, this method is called Multi-tap typing.

The cursor moves to the right when you press a different key. When entering the same character twice (or a different character on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next character.
Refer to the table on page 55 for the list of characters assigned on each key.

[Shifting a Case]

To change the case in ABC mode, press the key or the key. Lower case, Capital lock and Initial capital are available.

[Shifting a Case]

To change the case in T9 mode, press the key or the key. Lower case, Capital lock and Initial capital are available.

[Scrolling]

The key scrolls to the alternative characters corresponding the keypress.
To view your message without moving the cursor, press keys on the left side of the phone.
To move the cursor left or right through your text message, press the key. Note that pressing the key without completing a word by the 0 key displays the alternative word.

[Clearing Characters]

Press the CLR key one or more times to remove characters from the text area.

[Scrolling]

To view your message without moving the cursor, press keys on the left side of the phone.

To move the cursor left or right through your text message, press the key. Note that pressing the key without completing a word by the 0 key displays the alternative word.

Key	Characters in the Order Displayed	
	ABC	abc
1	. , ? ! 1 – / @	. , ? ! 1 – / @
2 ABC	A B C 2	a b c 2
3 DEF	D E F 3	d e f 3
4 GHI	G H I 4	g h i 4
5 JKL	J K L 5	j k l 5
6 MNO	M N O 6	m n o 6
7 PQRS	P Q R S 7	p q r s 7
8 TUV	T U V 8	t u v 8
9 WXYZ	W X Y Z 9	w x y z 9
0 ±	␣ 0 ✳ < > % # £	␣ 0 + ( ) & _ $ €

[Clearing Strokes and Characters]

Press the CLR key one or more times to remove characters from the Text Area.

For list of characters available see table.

Numeric Mode

Numeric mode is indicated by 123. It enables you to enter numbers into a text message. Press number keys corresponding to the desired digits.

Symbolic Mode

Symbolic mode enables you to enter symbols into a text message.
To scroll through the available symbol categories, press the key. When you see the desired symbol on the display, press the appropriate number key (1 to 8) to insert the symbol. The phone automatically switches back to the text entry mode used just prior to selecting Symbolic mode.

Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the display.
To change to another text input mode :
1. Press the key repeatedly until you find the desired input mode.
2. Press the key. You will see the text input mode indicator in the top line of the display.

- T9 mode > T9 ABC (T9 Abc, T9 abc)
- ABC > ABC (Abc, abc)
- Simplified Chinese > Pinyin
- Traditional Chinese > Stroke
- Numeric > 123
- Symbol > Symbol

Directions for using each of the text input modes appear later in this chapter.

You can also change the text input mode by pressing the key repeatedly in text entry screen. Each time you press the key, the mode is changed in the following order :
T9 ABC (T9 Abc, T9 abc) > ABC (Abc, abc) > Pinyin > Stroke > 123 > Symbol

MENU FUNCTIONS

- Menu Tree
- Message
- Calls
- Gallery
- Camera
- Settings
- Organizer
- MP3 Player
- Joy World

VK4000

MENU FUNCTIONS

Menu Tree

Message

- **Short Message**
  - Inbox
  - Outbox
  - Write
  - Settings
- **Multimedia Message**
  - Inbox
  - Outbox
  - Write
  - Settings
- **Voice Message**
  - Listen to Voice MSG
  - Set Voice MSG No.
- **info. Message**
  - Read
  - Receive
  - Topics
- **Memory status**

Calls

- **Call History**
  - Missed calls
  - Received calls
  - Dialed calls
  - Delete All
  - Call Duration
- **Network Services**
  - Call Diverting
  - Call Barring
  - Call Waiting
  - Send My Number
  - Select Network
  - Select Band

Gallery

- **Photo**
  - Send
  - Use as Wallpaper
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Lock
  - Details
- **Video-clip**
  - Send
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Lock
  - Details
- **Image**
  - Send
  - Use as Wallpaper
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Details
- **Animation**
  - Send
  - Use as Wallpaper
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Details
- **Sound**
  - Send
  - Use
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Details
  - Go to play
- **Music**
  - Send
  - Use
  - Copy to T-Flash
  - Move to T-Flash
  - Delete
  - Rename
  - Details
  - Go to play
- **T-Flash Manager**
  - Copy to Phone
  - Move to Phone
  - Delete
  - Rename
  - Details
  - Memory status
- **Memory status**

Camera

- **Photo**
- **Video Clip**
- **Settings**
  - Quality
  - Sound
  - Auto Save
  - Default Title Name
  - Memory Use

Settings

- **Display**
  - Main LCD
  - Lighting
- **Sound**
  - Incoming Calls
  - Message Alert
  - Key Tone
  - Slide Tone
  - Volume
- **Phone Setting**
  - Date & Time
  - Language
  - Answer Key
  - Auto Answer
  - Auto Redial
  - Factory Set
  - My Favorite
- **Bluetooth**
  - Swith
  - Paired Devices
  - Phone Visibility
  - Phone Name
- **Security**
  - PIN
  - Change PIN
  - Lock
  - FDN
  - Change PIN 2
- **PC Connection**
  - PC Sync
  - USB Mass Storage
  - T-Flash Card

Organizer

- **Calendar**
  - New
  - Delete All
  - Schedule List
  - Go to Date
- **Alarm**
  - Morning Call
  - Reminder
- **Memo**
  - Edit
  - Delete
  - Delete All
- **Calculator**
- **Unit Converter**
- **World Time**
- **Stop Watch**

- MP3 Player
  - Music Play
  - Edit Playlist
    - Select All
    - Clear All
    - Invert
    - About Track
- Joy World
  - Internet
    - Home
    - Bookmarks
    - Go to URL
    - Profile Settings
    - General Settings
    - History
    - WAP Inbox
    - Clear Cache
  - Games

Message

Messaging is a network service.
Using this function, you can input, send, receive, check and edit messages.
The VK4000 model supports sending and receiving both Short Messaging Service (SMS) and Multimedia Message (MMS) types.
A new message notification is displayed on the screen when a message arrives.
In Standby mode, press the left key to quickly enter Messages mode.

Short Message

This function enables a user to write and send a new message. You can check and save received or sent messages.
1. In Standby mode, press the key to display the menu screen.
2. Press number 2 to enter Message.
3. Press number 1 to enter Short Message.

[Inbox]
Check received messages.

Standby mode → [..] → Press 2 → Press 1 → Press 1

On the screen with the list of received messages, press the [..] key to enter the Options menu.

Delete
Deletes messages stored in your Inbox.

Inbox → [..] → Press 1

Delete All
Deletes all the messages stored in your Inbox.

Inbox → [..] → Press 2

On the screen with the list of received messages, press the [OK] key to display the content of the received messages.
On the screen displaying the message content, press the [..] key to enter the Options menu.

Delete : Deletes the selected message.
Reply : Send a reply to the message sender.
Forward : Forward (with or without editing) a received message to another recipient.
Call Back : Call the message sender.
Copy to SIM(Phone) : Copies the message to SIM or phone.
Move to SIM(Phone) : Moves the message to SIM or phone.
Details : Displays the time and sender info for the selected message.

[Outbox]
The Outbox can store sent messages and message drafts to be sent.

Standby mode → [..] → Press 2 → Press 1 → Press 2

Unsent Items
Unsent messages, whether due to a sending failure or those explicitly saved before sending, are stored.
Delete
Deletes stored messages in the Outbox.

Outbox → Press 1 → [..] → Press 1

Delete All
Deletes all the messages stored in the Outbox.

Outbox → Press 1 → [..] → Press 2 → Select among 1 : Phone, 2 : SIM and 3 : Both.

On the screen with the list of unsent messages, press the [BOX] key to display the content of those unsent messages.
On the screen displaying the message content, press the [..] key to enter the Options menu.
Send : Resend a selected message.
Edit : Edit a selected message.
Delete : Delete a selected message.
Copy to SIM(Phone) : Copies the item to SIM or phone.
Move to SIM(Phone) : Moves the item to SIM or phone.

Sent Items
Stores sent messages.

Delete

Outbox → Press 2 → [..] → Press 1

Delete All

Outbox → Press 2 → [..] → Press 2 → Select among 1 : Phone, 2 : SIM and 3 : Both.

On the screen with the list of sent messages, press the [BOX] key to display the content of the sent messages.
On the screen displaying the message content, press the [..] key to enter the Options menu.
Send : Resend a selected message.
Edit : Edit a selected message.
Delete : Delete a selected message.
Copy to SIM(Phone) : Copies the item to SIM or phone.
Move to SIM(Phone) : Moves the item to SIM or phone.

[Write]
This function enables the user to write and send new messages.

Standby mode → [..] → Press 2 → Press 1 → Press 3

1. Write the message to send.

2. After inputing the message, press the key to enter the Options menu.
Add Object : Using this function, you can add simple images, animations and sound to your message.
Save : You can save edited messages to send later. These messages will be saved under the Unsent Messages tab in the Outbox and you can edit and send them later.
Exit : Return to the Message menu.
3. Press the key to enter the screen for keying in the sender's number. After you input the number, press the key to send it.
If you have forgotten the telephone number, press the key, while on the screen for keying in the sender's number, to enter the telephone directory.

[Settings]
You can set various options for SMS Center No., delivery report, and validity period.

Standby mode → → Press 2 → Press 1 → Press 4

SMS Center No.
Set SMS Center No.
Delivery Report
Report whether the message successfully reached the SMS Center.
On : Reports whether or not the sent message was delivered.
Off : Does not report whether or not the sent message was delivered.
Validity Period
Sets the storage period of a message.
If this function is selected, received messages will expire and be automatically deleted after a set period of time. Be sure to save important pictures, sound clips and messages in the gallery before they expire.

Multimedia Message

Multimedia message is a service that enables the sending of messages including images, pictures and sound clips in addition to the text.
Using this function, you can send a message to mobile phones and e-mail recipients.
In addition, you can save multimedia resources such as images, pictures and sound files attached to received multimedia messages, into your gallery.
Multimedia message service is available only when the service provider supports the service, and can be displayed only on a mobile phone that supports the service.
1. In Standby mode, press the key to display the Menu screen.
2. Press 2 to enter Message.
3. Press 2 to enter Multimedia Message.

[Inbox]

Check received Multimedia messages.

Standby mode → → Press 2 → Press 2 → Press 1

On the screen listing the received messages, press the key to enter the Options menu.

Delete

Deletes messages stored in your Inbox.

Inbox → → Press 1

Delete All

Deletes all messages stored in your Inbox.

Inbox → → Press 2

On the screen listing the messages received, press the key to display the content of the received message.
On the screen displaying the content, press the key to enter the Options menu.
Delete : Deletes the selected message
Reply : Send a reply to the message sender.
Reply All : Send a reply to all people.
Forward : Forward or send after editing a received Multimedia MSG to another recipient.
Call Back : Call the message sender.
Extract : Extracts the message sender's pictures, animation, sound and other items.
Details : Displays the message topic, storage capacity, sender, all the recipients, and delivery time.

[Outbox]

The Outbox stores both sent messages and messages wating to be sent.

Standby mode → [..] → Press 2 → Press 2 → Press 2

Unsent Items

Unsent messages, whether due to a sending failure or those explicitly saved before sending, are stored here.

Delete

Deletes messages stored in your Outbox.

Outbox → Press 1 → [..] → Press 1

Delete All

Deletes all messages stored in your Outbox.

Outbox → Press 1 → [..] → Press 2

On the screen listing the unsent messages, press the [OK] key to display the content of the unsent message.

On the screen displaying the message content, press the [..] key to enter the Options menu.

Send : Resend the selected message

Edit : Edit the selected message.

Delete : Delete the selected message.

Details : Displays the time the selected message was saved, sent and the number to which it was sent.

Sent Items

Stores sent messages.

Delete

Outbox → Press 2 → [..] → Press 1

Delete All

Outbox → Press 2 → [..] → Press 2

On the screen listing the sent messages, press the [OK] key to display the content of sent messages.

On the screen displaying the message content, press the [..] key to enter the Options menu.

Send : Resend the selected message.

Edit : Edit the selected message.

Delete : Delete the selected message.
Details : Displays the time the selected message was saved, sent and the number to which it was sent.

[Write]

This function enables the user to write and send a new message.

Standby mode → [..] → Press 2 → Press 2 → Press 3

1. Write the message to send.
2. After inputing the message, press the [..] key to enter the Options menu.

Add Object : Using this function, you can add text, edit text, add image, animation and sound to your message.
Remove Object : Using this function, you can delete the object.
Page : The page function enables you to send several pictures, ring tones and other items in a row, rather than splitting them into several segments. A single page can include one picture and one voice attachment.
You can send several pages in a row.
Save : Save edited messages to send later. The messages will be kept under the Unsent Messages tab in the Outbox. You can edit and send these messages later.
Edit Subject : Using this function, you can edit the subject of message.

Preview : Check the message before sending.
Exit : Return to the Message menu.
3. Press the [OK] key to enter the screen for keying in the recipient's number. Send the message by pressing the [OK] key.

If you have forgotten the telephone number, press the [..] key, while on the screen with the recipient's name, to enter the telephone directory.

[Settings]

You can set various options for the SMS Center, delivery reports, validity periods, as well as setup a proxy server.

Standby mode → [..] → Press 2 → Press 2 → Press 4

General

Displays the validity period, delivery report, read report, and auto download, report sending.

Profile Settings

You can setup the option of a WAP browser using this function.

Voice Message

When a new voice mail arrives, an indicator icon is displayed on the screen. You can listen to the voice mail using this function.
Press the voice mailbox number if the number is stored in the handset's memory, or input the number manually.
Voice mail is a network service. For further details, consult your nearest service center.
1. In Standby mode, press the key to display the Menu screen.
2. Press 2 to enter Message.
3. Press 3 to enter Voice Message.

[Listen to Voice MSG]
Listen to Voice Mail waiting in the Voice Mailbox.

Voice Message → Press 1 → Enter a Voice MSG No. → OK

[Set Voice MSG No.]
Stores the Voice Mailbox Number.

Voice Message → Press 2 → Enter a Voice MSG No. → OK

Info. Message

Informational Msg. is a network service that provides Informational Messages to many GSM mobile phone users.
For example, it provides information on weather forecast, traffic and stock prices.
1. In Standby mode, press the key to display the Menu screen.
2. Press 2 to enter Message.
3. Press 4 to enter Info. Message.

[Read]
You can search and read the desired message.

Info. Message → Press 1 → Select a desired message

[Receive]
Choose whether to receive informational messages or not.

Info. Message → Press 2 → Please select an item 1 : On, 2 : Off

[Topics]
Choose the message topics.

Info. Message → Press 3 → Select a message topic.

At the topics list, press the [..] key to display the option menu.
Edit : Edit the selected message topic.
Delete : Delete the selected message topic.

Memory Status

You can check the Memory Status of your handset's memory.
1. In Standby mode, press the [..] key to enter the Menu screen.
2. Press 2 to enter Message.
3. Press 5 to enter Memory Status.

Calls

You can check your call history and utilize various network services in Calls.

Call History

Using this function, you can check recent calls you made, calls received and missed calls.
Also, you can check the time of each call.
1. In Standby mode, press the [..] key to display menu screen.
2. Press number 3 to enter Calls.
3. Press number 1 to enter Call History.
4. Full list of the Call History is displayed.
   Pressing the [OK] key displays currently selected call's information such as phone number, name and time spent.
   Press the [..] keys to enter menu screen and following menu items will be displayed:
   Save : Saves the phone number in your Contacts.
   Delete : Deletes the phone number.
5. When the full list of Call History is displayed, press the [..] key to enter option screen.

[Missed Calls]

Displays phone numbers of calls you missed.

Standby Mode → [..] → Number 3 → Number 1 → [..] → Number 1

Pressing the [OK] key displays information of caller's phone number, name and calling time.

Press the [..] key to enter menu screen and following menu items will be displayed :

Save : Saves the phone number in your Contacts.

Delete : Deletes the phone number.

[Received Calls]

Displays phone numbers of received calls.

Standby Mode → [..] → Number 3 → Number 1 → [..] → Number 2

Pressing the [OK] key displays currently selected call's information such as phone number, name and time spent.

Press the [..] key to enter menu screen and following menu items will be displayed :

Save : Saves the phone number in your Contacts.

Delete : Deletes the phone number.

[Dialed Calls]

Displays phone numbers of dialed calls you made.

Standby Mode → [..] → Number 3 → Number 1 → [..] → Number 3

Pressing the [OK] key displays currently selected call's information such as phone number, name and call time.

Press the [..] key to enter menu screen and following menu items will be displayed :

Save : Saves the phone number in your Contacts.

Delete : Deletes the phone number.

[Delete All]

Deletes call History information.

Standby Mode → [..] → Number 3 → Number 1 → [..] → Number 4

Select among Missed Calls / Received Calls / Dialed Calls / All Calls.

[Call Duration]

Displays the duration of selected calls including received and dialed.
Call Duration time displayed on your handset may differ from the actual time recorded by the service provider according to network performance, calculation formula and other reasons.

Standby Mode → [Menu] → Number 3 → Number 1 → [Menu] → Number 5

Voice Call

Show the every variety of call duration.
Last Call : Displays last call's duration.
All Calls : Displays the sum of all received and dialed calls' duration.
Received Calls : Displays the sum of all received calls' duration up to now.
Dialed Calls : Displays the sum of all dialed calls' duration up to now.
Reset : Press the [Menu] key, you can delete the selected call duration.

Data Call

All Sent Data : Displays the sum of all sended data duration.
All Received Data : Displays the sum of all received data duration.
Reset : Press the [Menu] key, you can delete the selected data duration.

Network Services

Using this function, you can configure various network services.
Before using this service, check available services from your service provider.
1. In Standby mode, press the [Menu] key to display menu screen.
2. Press number 3 to enter Calls.
3. Press number 2 to enter Network Services.

[Call Diverting]

Using this function, you can divert incoming calls to a specified phone number.
For example, if you are off business and enjoying a movie in a theatre, you can divert incoming calls to your *(kidding -) HATRED* colleague's phone number.

Standby Mode → [Menu] → Number 3 → Number 2 → Number 1

Always : Diverts all incoming calls to the specified number.
If Busy : Diverts incoming calls to the specified number if your line is busy.
If Out of Reach : Diverts incoming calls to the specified number if your handset is turned off, not in a service area or unreachable for other reason.
If No Reply : Diverts incoming calls to the specified number if you don't reply to the call.
Cancel All : Releases the all Call Diverting settings.

[Call Barring]

Using this network service, you can limit incoming and outgoing calls from your handset.
You can limit following calls :

Standby Mode → Number 3 → Number 2 → Number 2

Outgoing Calls : You cannot make an outgoing call from your handset.
International Calls : You cannot make an international call from your handset.
Int. Calls Except to Home : You can make an international call to only a domestic phone number or the number serviced by a domestic service provider.
Incoming Calls : You cannot receive an incoming call.
When Roaming : You cannot receive an incoming call when you are not in a serviced area.
Cancel All : Cancels all Call Barring settings and all incoming / outgoing calls are made properly.
Change password : You can set and change the password given by the service provider.

[Call Waiting]

Using this network service, you are notified with an incoming call when you are on another call.

Standby Mode → Number 3 → Number 2 → Number 3

[Send My Number]

This function sends your previously specified phone number automatically.
It is convenient to use this function when you need to send your phone number for a call, ARS, phone banking and other services not to press your phone number by manual.

Standby Mode → Number 3 → Number 2 → Number 4

Default : Sends the default number specified.
Hide Number : Does not send any number.
Send Number : Sends your phone number.

[Select Network]
Select Network is a function to choose a network when you are using an international roaming service whether by manual or by automatic selection.
However, a roaming network is available to choose when your network provider has an agreement on roaming service with the roaming network provider.

Standby Mode → [OK] → Number 3 → Number 2 → Number 5 → Select an option among Automatic and Manual.

[Select Band]
Using this function, you can select network band.

Standby Mode → [OK] → Number 3 → Number 2 → Number 6 → Select an option among 850/1900Mhz and 900/1800Mhz

Gallery

Using gallery function, you can manage various contents such as still photo, Video clip, Image, Animation, Sound, Music and Memory Status.

Photo

This function manages digital still photos stored on your cellular phone. Using this function, selected still photos can be sent to your friends, and it can be assigned as a wallpaper.
1. Press [OK] in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 1 to enter photo.
4. When a list of stored photos appears, press [OK] key to enter the option screen.
   For more details, refer to "Camera" on page 111.

[Send]
One of the stored photo can be selected and sent to your friends.

Standby Mode → [OK] → Press 4 → Press 1 → [OK] → Press 1

Send via MMS : You can send the selected photo via MMS.
For more details, refer to “Message” on page 65.
Send via Bluetooth : You can send the selected photo via Bluetooth.
For more details, refer to “Bluetooth” on page 126.

[Use as Wallpaper]
You can assign a selected photo as a wallpaper.

Standby Mode → [..] → Press 4 → Press 1 → [..] → Press 2

[Copy To T-Flash]
You can copy the selected photo to T-Flash.

Standby Mode → [..] → Press 4 → Press 1 → [..] → Press 3 → Select ‘Copy’ or ‘Copy All’

[Move To T-Flash]
You can move the selected photo to T-Flash.

Standby Mode → [..] → Press 4 → Press 1 → [..] → Press 4

[Delete]
Selected photos can be deleted.

Standby Mode → [..] → Press 4 → Press 1 → [..] → Press 5 → Select ‘Delete’ or ‘Delete All’

[Rename]
Selected photo can be renamed.

Standby Mode → [..] → Press 4 → Press 1 → [..] → Press 6 → Enter a new name → [OK]

For more details, refer to “Character Input Mode” on page 50.

[Lock]
You can hide selected photos so that others cannot view the selected photos.

Lock

Standby Mode → [menu] → Press 4 → Press 1 → [menu] → Press 7 → Enter password → [OK]

Release

Select a private folder → Enter password → [OK] → [menu] → Press 7 → Enter password → [OK]

[Details]
You can view details such as title, data & time, size and resolution of selected photo.

Standby Mode → [menu] → Press 4 → Press 1 → [menu] → Press 8

Video-Clip

This function manages video clips filmed with your cellular phone.
For more detail, refer to "Camera" on page 102.

1. Press [menu] key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 2 to enter the video clip.
4. When a video clip list appears, select a file to replay and press [OK] key.
5. Press [OK] key to stop.
6. Press [back] to go back to the previous screen.
7. When a list of stored video clips appears, press [menu] key to enter the option menu.

[Send]
One of the stored video-clip can be selected and sent to your friends.

Standby Mode → [menu] → Press 4 → Press 2 → [menu] → Press 1

Send via Bluetooth : You can send the selected video-clip via Bluetooth.
For more details, refer to "Bluetooth" on page 126.

[Copy To T-Flash]
You can copy the selected video-clip to T-Flash.

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 2 → Select 'Copy' or 'Copy All'

[Move To T-Flash]
You can move the selected video-clip to T-Flash.

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 3

[Delete]
Selected video clip files or all stored movie files can be deleted.

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 4 → Select 'Delete' or 'Delete All'

[Rename]
Selected video clips can be renamed.

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 5 → Enter a new filename → [OK]

For more details, refer to "Character Input Mode" on page 50.

[Lock]
You can hide selected video clips so that others cannot view the selected video clips.

Lock

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 6 → Enter password → [OK]

Release

Select a private folder → Enter password → [OK] → [..] → Press 6 → Enter password → [OK]

[Details]
You can view details such as title, data & time, size and length of selected video clip.

Standby Mode → [..] → Press 4 → Press 2 → [..] → Press 7

Image

You can manage image files stored on your cellular phone. Using this function, selected image files can be sent to your friends or can be configured as a wallpaper.

1. Press [menu] key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 3 to enter Image.
4. When a list of stored images appears, press [menu] key to enter the option screen.

[Send]

Selected image among stored images can be sent to your friends.

Standby Mode → [menu] → Press 4 → Press 3 → [menu] → Press 1

Send via MMS : You can send the selected image via MMS.
For more details, refer to “Message” on page 65.
Send via Bluetooth : You can send the selected image via Bluetooth.
For more details, refer to “Bluetooth” on page 126.

[Use as Wallpaper]

Selected image among stored images can be assigned as a wallpaper.

Standby Mode → [menu] → Press 4 → Press 3 → [menu] → Press 2

[Copy To T-Flash]

You can copy the selected image to T-Flash.

Standby Mode → [menu] → Press 4 → Press 3 → [menu] → Press 3 → Select ‘Copy’ or ‘Copy All’

[Move To T-Flash]

You can move the selected image to T-Flash.

Standby Mode → [menu] → Press 4 → Press 3 → [menu] → Press 4

[Delete]
Selected image files can be deleted.

Standby Mode → [Menu] → Press 4 → Press 3 → [Menu] → Press 5 → Select 'Delete' or 'Delete All'

[Rename]
Selected image among store images can be renamed.

Standby Mode → [Menu] → Press 4 → Press 3 → [Menu] → Press 6 → Enter a new name → [OK]

For more details, refer to "Character Input Mode" on page 50.

[Details]
You can view details such as title, data & time, and size of selected image.

Standby Mode → [Menu] → Press 4 → Press 3 → [Menu] → Press 7

Animation

This function manages animation files stored in your cellular phone.

1. Press [Menu] key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 4 to enter Animation.
4. When a list of stored animations appears, press [Menu] key to enter the option screen.

[Send]
Selected animation among stored animation can be sent to your friends.

Standby Mode → [Menu] → Press 4 → Press 4 → [Menu] → Press 1

Send via MMS : You can send the selected animation via MMS.
For more details, refer to "Message" on page 65.
Send via Bluetooth : You can send the selected animation via Bluetooth.
For more details, refer to "Bluetooth" on page 126.

[Use as Wallpaper]
Selected animation among stored animations can be assigned as a wallpaper.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 2

[Copy To T-Flash]
You can copy the selected animation to T-Flash.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 3 → Select 'Copy' or 'Copy All'

[Move To T-Flash]
You can move the selected animation to T-Flash.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 4

[Delete]
Selected animation can be deleted.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 5 → Select 'Delete' or 'Delete All'

[Rename]
Selected animation among stored animations can be renamed.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 6 → Enter a new name → OK

For more details, refer to "Character Input Mode" on page 50.

[Details]
You can view details such as title, data & time, and size of selected animation.

Standby Mode → Menu → Press 4 → Press 4 → Menu → Press 7

Sound

This function manages ring tones stored in your cellular phone. Using this function, a selected ring tone can be assigned.

1. Press [Menu] in standby mode to enter menu screen.
2. Select 4 to enter Gallery.
3. Select 5 to enter Sound.
4. When a list of stored ring tone appears, press [Menu] key to enter option screen.

[Send]

One of the stored sound can be selected and sent to your friends.

Standby Mode → [Menu] → Press 4 → Press 5 → [Menu] → Press 1

Send via MMS : You can send the selected sound via MMS.
For more details, refer to “Message” on page 65.
Send via Bluetooth : You can send the selected sound via Bluetooth.
For more details, refer to “Bluetooth” on page 126.

[Use]

Selected sound among stored sound can be assigned as bell sound.

Standby Mode → [Menu] → Press 4 → Press 5 → [Menu] → Press 2

As Ringtone : You can set the selected sound as ringtone.
As Morning call : You can set the selected sound as morning call bell sound.

[Copy To T-Flash]

You can copy the selected sound to T-Flash.

Standby Mode → [Menu] → Press 4 → Press 5 → [Menu] → Press 3 → Select ‘Copy’ or ‘Copy All’

[Move To T-Flash]

You can move the selected sound to T-Flash.

Standby Mode → [Menu] → Press 4 → Press 5 → [Menu] → Press 4

[Delete]
Selected sound can be deleted.

Standby Mode → [..] → Press 4 → Press 5 → [..] → Press 5 → Select 'Delete' or 'Delete All'

[Rename]
Selected sound among stored sound can be renamed.

Standby Mode → [..] → Press 4 → Press 5 → [..] → Press 6 → Enter a new name → [ok]

For more details, refer to "Character Input Mode" on page 50.

[Details]
You can view details such as title, data & time, and size of selected ring tones.

Standby Mode → [..] → Press 4 → Press 5 → [..] → Press 7

Music

This function manages music files stored in your cellular phone. You can manage MP3 files in Gallery music folder and assign a music file as your ring tone.

1. Press [..] key in standby mode to enter the menu screen.
2. Select 4 to enter Gallery.
3. Select 6 to enter the music.
4. When a list of stored music files appears, press [..] key to enter the option screen.

[Send]
One of the stored MP3 file can be selected and sent to your friends.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 1

Send via Bluetooth : You can send the selected MP3 file via Bluetooth.
For more details, refer to "Bluetooth" on page 126.

[Use]
Select to use the ringtone as seleted MP3 file.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 2

As Ringtone : You can set the selected MP3 file as ringtone.
As Morning call : You can set the selected MP3 file as morning call bell sound.

[Copy To T-Flash]
You can copy the selected MP3 file to T-Flash.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 3 → Select 'Copy' or 'Copy All'

[Move To T-Flash]
You can move the selected MP3 file to T-Flash.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 4

[Delete]
Selected MP3 files can be deleted.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 5 → Select 'Delete' or 'Delete All'

[Rename]
Selected MP3 file among stored MP3 files can be renamed.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 6 → Enter a new name → [OK]

For more details, refer to "Character Input Mode" on page 50.

[Details]
You can view details such as title, data & time, and size of selected MP3.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 7

[Go to Play]
You can go back to player mode.

Standby Mode → [..] → Press 4 → Press 6 → [..] → Press 8

T-Flash Manager

1. In Standby mode, press the [..] key to enter the Menu screen.
2. Press 4 to enter Gallery.
3. Press 7 for T-Flash Manager
4. On the screen listing the saved music files, press the [..] key to enter the options menu.

[Copy to phone]
Copy selected files to the handset.

Standby Mode → [..] → Press 4 → Press 7 → [..] → Press 1

[Move to phone]
Move the selected files to the handset.

Standby Mode → [..] → Press 4 → Press 7 → [..] → Press 2

[Delete]
Delete just the selected files or all stored files.

Standby Mode → [..] → Press 4 → Press 7 → [..] → Press 3

[Rename]
Rename selected files.

Standby Mode → [..] → Press 4 → Press 7 → [..] → Press 4 → Enter the message name → [OK]

For more details, refer to “Character Input Mode” on page 50.

[Details]
You can view details of the selected file, such as: title, date&time and size.

Standby Mode → [OK] → Press 4 → Press 7 → [OK] → Press 5

[Memory Status]
Check the memory status of T-Flash.

Standby Mode → [OK] → Press 4 → Press 7 → [OK] → Press 6

Memory Status

You can check the Memory Status of your handset's memory or T-Flash.
1. In Standby mode, press the [OK] key to enter the Menu screen.
2. Press 4 to enter Gallery.
3. Press 8 to enter Memory Status.

Camera

You can use the Camera embedded in your handset to take photos or video clips and save them in your Gallery.
In Standby mode, press the [camera] key to enter Camera mode directly.

Before Using the Camera

- Do not take photos of people or any subject without proper permission.
- Do not take photos which violate anyone's privacy.
- Because the camera sensor requires a little time to automatically adjust the exposure, you will get better results if your subject is still.
- For best results, ensure that the subject has better lighting than the background.
- Avoid lighting your subject directly with fluorescent or other light bulbs. Have your back to the light source when taking a photo.
- For best results, take photos in bright indoor and outdoor environments.
- The Camera has a high-precision image sensor which is fragile and susceptible to shock, do not drop the handset. Also, use it in moderate climates as it is sensitive to temperature and humidity.
- The Image may appear blurry when the lens part of the camera (on the back side of your handset) is dirty, please keep it clean.
- Using the Camera consumes more battery power.

Photo

Using the digital camera embedded in your handset, you can take photos in a variety of ways.
1. In Standby mode, press the key to display the menu screen.
2. Press number 5 to enter Camera.
3. Press number 1 to enter Photo.
4. Press the key to take a picture.
5. The picture is saved under Photo in your Gallery.
6. Press the key to display the option.

[Icons]
Image Size : Sets the image size.
Zoom : Zooms in and out.
Brightness : Sets the Brightness of the picture. There are five levels.
Rotate : Selects the Rotate option for the picture from flip / Mirror which rotates or flips the image.
Effect : Applies various special effects to the picture.
Frame : Takes a photo with various frames.
After taking the assigned number of photos, thumbnails are displayed and you can select and save the desired pictures.
Self-Timer : Sets the timer for automatic shutter release. A picture is taken according to the Self Timer setting.
Go to Video Clip : Moves to Video Clip.
Go To Gallery : Moves to Photo in your Gallery.

Video Clip

Using the digital camera embedded in your handset, you can take video clips in a variety of ways.
1. In Standby mode, press the key to display the menu screen.
2. Press number 5 to enter Camera.
3. Press number 2 to enter Video Clip.
4. Press the key to take a Video Clip.
5. The file is saved under Video Clip in your Gallery.
6. Press the key to display the option.

[Icons]
Zoom : Zooms in and out.
Brightness : Sets the Brightness of the picture. There are five levels.
Rotate : Selects the rotate option for the Video Clip.
Effect : Applies various special effects to the Video Clip.
Go to Photo : Moves to Photo.
Go to Gallery : Moves to Video Clip in your Gallery.

Settings

You can set various options regarding photos and video clips.
1. In Standby mode, press the key to display the menu screen.
2. Press number 5 to enter Camera.
3. Press number 3 to enter Settings.

[Quality]

Sets the quality of the image.

Standby Mode → → Press 5 → Press 3 → Press 1

Select an option of the photo and the Video-clip from Normal/High/Low.

[Sound]

Sets the Shutter Sound effect for the shutter release.

Standby Mode → → Press 5 → Press 3 → Press 2

[Auto Save]

Sets the type of automatic saving for photos and video clips.

Standby Mode → → Press 5 → Press 3 → Press 3

On : Photos and video clips will be automatically stored in your Gallery.
Off : Photos and video clips will require your confirmation before they are stored in your Gallery.

[Default Title Name]

Sets the title name of Photos and Video Clips which don't have a given name.

Standby Mode → → Press 5 → Press 3 → Press 4

[Memory Use]

You can check memory status of your photo and video clip in your handset's memory and T-Flash.

Standby Mode → → Press 5 → Press 3 → Press 5

Phone : Photos and video clips will be stored in your handset.
T-Flash card : Photos and video clips will be stored in T-Flash memory.

Settings

Using this function, you can set various options of Display, Sound, Phone setting, Bluetooth, Security and PC Connection.

Display

Using this function, you can set various Standby and Lighting options.

1. In Standby mode, press the key to display menu screen.
2. Press number 6 to enter Settings.
3. Press number 1 to enter Display.

[Main LCD]

You can set an image and clock displayed in Standby mode, and also you can input words and set the color of characters.

Standby Mode → → Press 6 → Press 1 → Press 1

Image

You can select an image or a photo from images provided with your handset and those stored in your Gallery to set it as your Standby screen.

Select Image, and then select an image from provided images using the left and right side of key to set it as your Standby screen. Alternatively, you can select an Imges or Photo from your Gallery by pressing the key for your Standby screen.

Animation

You can select an Animation from animations provided with your handset and those stored in your Gallery to set it as your Standby screen.

Select Animation, and then select an animation from provided animations using the left and right side of key to set it as your Standby screen.

Alternatively, you can select an Animation from your Gallery by pressing the key for your Standby screen.

Clock

Sets the Clock type displayed on your Standby screen.

You can select from None / Digital / Dual / Analogue options.

If Dual is set, your time and the selected region's time are displayed.

You can adjust the dual zone's time by -1, off, +1 hour to apply the summertime or other adjustment.

Calendar

Sets a calendar as your Standby screen.

Text Input
You can display words on your Standby screen.
After inputting words, you can select the font color.

[Lighting]
Using this function, you can set Time, Contrast, and Brightness of Lighting.

Standby Mode → [menu] → Press 6 → Press 1 → Press 2

Time
Sets the Lighting duration time for the LCD backlight.
Select from 5 sec / 10 sec / 20 sec / Always On.

Brightness
Sets the Brightness of the LCD display.
Five levels are available.

LED
Sets to appear the LED light in the Service area.
Select an option from on/off.

Sound

Using this function, you can set the Sound and its volume for incoming calls, Message Alert, Key tone, opening and closing the handset's slide, and volume.
1. In standby mode, press the [menu] key to display menu screen.
2. Press number 6 to enter Settings.
3. Press number 2 to enter Sound.

[Incoming Call]
You can select a ring tone from various ring tones provided for Incoming Calls.

Standby Mode → [menu] → Press 6 → Press 2 → Press 1

Mode
Sets the way of notification for Incoming Calls.
Ring Tone Only : The Ring Tone rings only.
Vibration Only : The handset vibrates only.
Ring Tone + Vib : Ring Tone rings, and your handset vibrates at the same time.
Silent : Your handset does not vibrate nor ring.
Ring Tone to Vib : Ring Tone rings, and then your handset vibrates afterwards.

Vib to Ring Tone : The handset vibrates, and then the Ring Tone rings.
Ascending : Ring Tone rings increasingly loud.

Ring Tone

You can select your Ring Tone from various tones and melodies provided with your handset and those stored in your Gallery. Select Ring Tone, and then press the key to select a Ring Tone or a Melody from your Gallery.

[Message Alert]

You can set the sound for incoming messages.

Standby Mode → → Press 6 → Press 2 → Press 2

You can set various options for message arrivals.
Alert Period : Sets the interval between repeating alerts when a message arrives.
Select from Once / Every 2 Min / None.
Alert Sound : Sets the Ring Tone for the message alert when you selected Ring Tone Only or Ring Tone + Vib option for your Alert Mode.
Alert Mode : Sets the type of notification for arriving messages.
Select from Ring / Vibrator / Vib + Ring / Silent.

[Key Tone]

You can set the key tone for number and menu keys.

Standby Mode → → Press 6 → Press 2 → Press 3

Key tone

Sets the Dial Sound.

Menu Sound

Sets the sound for a menu traversal.

[Slide Tone]

You can set the sound for opening and closing the slide of your handset.

Standby Mode → → Press 6 → Press 2 → Press 4

Sets the sound for slide opening and closing.

[Volume]
Sets the Volume of the ring tone which listed above, Incoming Calls / Message / Keytone / Slidetone / Power On/Off / Others.

Standby Mode → Press 6 → Press 2 → Press 5

Five levels are available.

Phone Setting

You can set the date, time, language and other various options of your handset.
1. In Standby mode, press the key to display menu screen.
2. Press number 6 to enter Settings.
3. Press number 3 to enter Phone Setting.

[Date & Time]
You can set Date, Time and Time Zone. You can select the indication formats for Date and Time.

Standby Mode → Press 6 → Press 3 → Press 1

1. Set the date.
2. Select input type among YYYY / MM / DD, DD / MM / YYYY, MM/DD / YYYY.
3. Set the Time Zone.
4. Set the time.
5. Select the time format from 12hours / 24hours.
6. After finishing, press the key to save your settings.

When user changed time value, the schedule could be deleted, which saved on handset.

[Language]
You can set the Language for your handset.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 2

[Answer Key]
You can set a key as the Answer Key to answer an incoming call.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 3

Select an option from Any Key / Send Key / Slide up.

[Auto Answer]
You can take advantage of this function when you use an ear-mic-phone (hands-free) connected to your handset. When the ear-mic-phone is connected to your handset and Auto Answer is set, an incoming call will be answered automatically without pressing the Answer Key.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 4

Select an option from Off / 5 sec / 10 sec.

[Auto Redial]
Using this function, you can automatically redial the number from missed and other failed calls.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 5

Select an option from Off / On.

[Factory Set]
Using this function, you can reset all settings of your handset to factory default values.
Entering password will enable the Factory Set.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 6

[My Favorite]
Using this function, you can configure your own menu screen with frequently used and preferred menu items.

Standby Mode → [Menu] → Press 6 → Press 3 → Press 7 → Select a desired menu by pressing the [OK] key → [Menu]

After saving menu items, press the right side of the [MP3] key in Standby mode to directly enter Favorite menu screen.

Bluetooth

You can use this function to make a wireless connection to other Bluetooth devices for data exchange or to make a call or configure your mobile phone without using your hands.
1. In the standby screen, press the key to go to the menu screen.
2. Press number 6 to enter Settings.
3. Press number 4 to enter Bluetooth.

[Switch]

Enable or disable Bluetooth.

Standby Mode → → Press 6 → Press 4 → Press 1

On : Enable Bluetooth.
Off : Disable Bluetooth.

[Paired Devices]

Search for other Bluetooth devices that are available for connection.

Standby Mode → → Press 6 → Press 4 → Press 2

If Bluetooth is not set to “On”, a pop-up window appears asking whether to enable Bluetooth or not. Select “Yes” to enable Bluetooth.

Press the key to go to “Add” and then all available Bluetooth devices found will be displayed. Select a desired Bluetooth device and enter a password for that device to complete connection. (The initial password is set to “0000”.)

[Phone Visibility]

Allow connections from other Bluetooth mobile phones to my mobile phone.

Standby Mode → → Press 6 → Press 4 → Press 3

Show Phone : Allow other mobile phones to search for and connect to my mobile phone.
Hide Phone : Do not allow other mobile phones to search for my mobile phone.

[Phone Name]

Specify the name of my mobile phone that is shown to other Bluetooth devices.

Standby Mode → → Press 6 → Press 4 → Press 4

Security

Sets security numbers for your privacy and protection of your handset.
1. In Standby mode, press the [Menu] key to display menu screen.
2. Press number 6 to enter Settings.
3. Press number 5 to enter Security.

[PIN]

PIN (Personal Identification Number) prevents the use of an unapproved SIM card.
PIN is usually provided with the SIM card. When your PIN has been approved, you must enter the PIN each time you switch the phone on.

Standby Mode → [Menu] → Press 6 → Press 5 → Press 1

Enable PIN : As the SIM card is locked, you must enter your PIN whenever you switch the phone on.

[Change PIN]

To some SIM cards, PIN is also provided on some SIM cards. To use a function, this number may be required. This feature requires supprt of the SIM card.

Standby Mode → [Menu] → Press 6 → Press 5 → Press 2

Change PIN : You can change your current PIN to a new one. You must enter the current PIN before you can specify a new one.

[Lock]

You can lock a selected menu item or your entire handset for your privacy.

Standby Mode → [Menu] → Press 6 → Press 5 → Press 3

Private Lock
Locks a selected menu item.
A locked menu item requires access password for each use.
Select a menu to be locked by pressing the [@/OK] key and then press the [Menu] key to save your setting.
The initial password is “0000”.

Power on Lock
Locks your entire handset.
If this function is set, a password input is required every time the handset is turned on.

Change Password
Changes the password.
Enter the current password and then enter the new password to be set.

[FDN]
FDN : With the phone FDN (Fixed Dialing Numbers) is provided, you can dial only several numbers you specify. To use this mode, you have to enter PIN2 number.

Standby Mode → [..] → Press 6 → Press 5 → Press 4

The following options are available :
Enable : Activates or deactivates the FDN mode.
The number of your phone may be different from the number of the SIM card.

[Change PIN2]
To some SIM cards, PIN2 is also provided. To use a function, this number may be required. This feature requires support of the SIM card.

Standby Mode → [..] → Press 6 → Press 5 → Press 5

Change PIN2 : You can change your current PIN to a new one. You must enter the current PIN before you can specify a new one.

PC Connection

You can connect your handset to a computer for receiving or sending your data. You need to pre-set the connection method.
1. In Standby mode, press the [..] key to display the Menu screen.
2. Press 6 to enter Settings.
3. Press 6 to connect your computer.

[PC Sync]
Connects your handset to PC Sync in the computer software. You can receive or send data for the telephone directory, calendar, and memo function.

Standby Mode → [..] → Press 6 → Press 6 → Press 1

[USB Mass Storage]
Connects the storage stick to your computer. You can receive and send pictures, animations, photos, video clips, sounds and music.

Standby Mode → [..] → Press 6 → Press 6 → Press 2

Available saving extension at USB Mass Storage

Folder	Extension
My Camera	.jpg (only camera)
My Video	.mjp (only video)
My Image	.jpg / .bmp / .wbmp / .png / .ems / .gif (not animation)
My Animation	.gif (animation)
My Sound	.wav / .mid / .imy
My Music	.mp3 (only)

[T-Flash Card]

Connects T-Flash to your computer. You can receive and send pictures, animations, photos, video clips and other data.

Standby Mode → Menu → Press 6 → Press 6 → Press 3

Organizer

Organizer provides various functions such as Calendar, Alarm, Memo, Calculator, World Time, Unit Convert and Stop watch.

Calendar

Using this function, you can input and check your anniversaries, important appointments, and other events of which you can be reminded by setting the alarm.

1. In Standby mode, press the Menu key to display menu screen.
2. Press number 7 to enter Organizer.
3. Press number 1 to enter Calendar.
4. After the calendar is displayed, press the Navigation key to select a date and then press the Menu key to display a submenu screen of the selected date.

To check your schedule, press the Navigation key to select a date and then press the Menu key, and number 3 to display the Schedule List.

[New]
Inputs a new schedule item.

Standby Mode → [..] → Press 7 → Press 1 → [..] → Press 1

1. Input following items :
   Subject
   Input the subject of the schedule item.
   Start Date & Time
   Input the start date and time of the schedule item.
   End Date & Time
   Input the end date and time of the schedule item.
   Location
   Input the location of the schedule item.
   Notes
   Input a reminding note of the schedule item.
   Alarm
   Set the alarm time.
   Alarm Sound
   Set the ring tone for the alarm.
2. After finishing, press the [OK] key to save the schedule item.

[Delete All]
Deletes all the schedule items stored on the selected date.
To delete all the schedule items, confirm the prompt message displayed by pressing the [..] key.

Standby Mode → [..] → Press 7 → Press 1 → [..] → Press 2 → [OK] → Enter the password → [OK]

[Schedule List]
Displays all the schedule items stored on the selected date.

Standby Mode → [..] → Press 7 → Press 1 → [..] → Press 3

New
Inputs a new schedule item for the selected date.
1. Input respective schedule data items.

2. After inputting schedule data items, press the key to save it.
For further details, please refer to “New” of “Calendar” on page 134.

Send via Bluetooth

Using Bluetooth wireless communication, you can send data to anther device. When Bluetooth is activated, an indicator is displayed.
For further details on Bluetooth, please refer to “Bluetooth” of “Settings” on page 126.

Delete

Deletes one selected schedule item only.
To delete selected item, confirm the prompt message displayed by pressing the key.

Delete All

Deletes all the schedule items stored on the selected date.
To delete all the schedule items, confirm the prompt message displayed by pressing the key.

Go to Date

Moves to the selected date when you press the key.

Auto Delete

Deletes schedule items automatically according to the selected expiry date.
You can select from Never / After 1 Day / After 1 Week / After 1 Month.

If you change the Date & Time of Phone Setting in Settings menu to the one following the date and time of a preset schedule item, this schedule item will not be automatically deleted by the Auto Delete setting.

[Go to Date]

Moves to the selected date when you press the key.

Standby Mode → → Press 7 → Press 1 → → Press 4

Alarm

Sets the Alarm to notify you at the time you set.
1. In Standby mode, press the key to display menu screen.
2. Press number 7 to enter Organizer.
3. Press number 2 to enter Alarm.

[Morning Call]
You can set the Morning Call time.
The Morning Call repeats after an interval set unless you stop it by pressing key.

Standby Mode → → Press 7 → Press 2 → Press 1

1. Input following items to set the Morning Call :
   Time : Using number keys, set the time of Morning Call.
   Days : Select the day on which you want to set the Morning Call.
   Select from Everyday / Once / Mon - Fri / Mon - Sat / None.
   Snooze : Select the Snooze interval of the Morning Call.
   The Morning Call will repeat with a selected ring tone after an interval you set.
   If Snooze is set to a value other than Off, you need to open up the folder of the handset and then press the key to release the Snooze not to repeat the ring.
   Select from Off / 1 min / 5 min / 10 min / 30 min / 1 hour.
   Alarm Mode : Sets the Alarm Mode of the Morning Call.
   Select from Sound / Vibration / Vibration + Sound.
   Alarm Sound : Sets the Alarm Sound of the Morning Call.
2. After finishing, press the key to save and complete your Morning Call settings.

[Reminder]
You can set a Reminder to ring alarms for anniversaries, important and repeating schedule events at the time you set.

Standby Mode → → Press 7 → Press 2 → Press 2

Pressing the key displays the Menu.

New

Sets a new Reminder item.

Select repeating interval from Once / Daily / Weekly / Monthly.

Once : Reminder will alarm on the date you set only.

- Subject : Set the Subject of the Reminder.
- Date : Set the date of the Reminder.
- Time : Set the time of the Reminder.

Daily : Reminder will alarm everyday at the time you set.

- Subject : Set the Subject of the Reminder.
- Time : Set the time of the Reminder.

Weekly : Reminder will alarm every week on the day you set.

- Subject : Set the Subject of the Reminder.
- Date : Set the day of the week of the Reminder.
- Time : Set the time of the Reminder.

Monthly : Reminder will alarm every month on the date you set.

- Subject : Set the Subject of the Reminder.
- Date : Set the dates of the Reminder. Set the dates using number keys.
- Time : Set the time of the Reminder.

After finishing, press the OK key to save and complete your Reminder settings.

Delete

Deletes a selected Reminder.

Delete All

Deletes all the Reminder items stored.

Alarm Option

Sets Alarm Mode and Alarm Sound.

Memo

Using this function, you can edit and delete Memos.

Standby Mode → [..] → Press 7 → Press 3

Press the [@/OK] key, you can enter a new Memo.
Enter the contents in the selected empty item.
Press the [@/OK] key to save it.
Press the [..] key to display the option menu.

[Edit]
After editing a Memo, press the [@/OK] key to save it.

[Delete]
Deletes a selected Memo.

[Delete All]
Deletes all the Memo items stored.

Calculator

Using this function, you can perform simple calculations such as addition, subtraction, multiplication, and division.

Standby Mode → [..] → Press 7 → Press 4

[Function Keys]

[..]	Resets the Calculator.
[...]	Returns to previous screen.
[7 pqrs]	: Multiply X Divide ÷
[9 wxyz]	: Add + Subtract -
[@/OK]	: Shows the result.
CLR	Deletes a number wrong fully entered.
[* ⇧]	Enters a decimal point.
[# ⇧]	Enters a plus or minus sign.

Unit Converter

You can convert one length, weight, volume, area and temperature unit into another unit.

Standby Mode → [menu] → Press 7 → Press 5

After selecting the original unit, select your target unit to convert into by using left and right side of the [MP3] key.

World Time

Displays the World Time for the selected region.

Standby Mode → [menu] → Press 7 → Press 6

Using the [MP3] key, select the region you want to display the time for.

Stop Watch

You can use a stop watch function.

Standby Mode → [menu] → Press 7 → Press 7

Start : Press the [menu] key to start.

Stop : Press the [menu] key to stop, when you use the Stop Watch function.

Lap : Use this function, you can measure the lap time.

Reset : Use this function, you can reset the measured time recording.

MP3 Player

You can always enjoy music using the embedded MP3 Player.
In Standby mode, press the upper key of to enter MP3 Player mode.

Music Play

Using this function, you can playback MP3 music files.
1. In Standby mode, press the key to display menu screen.
2. Press number 8 to enter MP3 Player.
3. Press number 1 to enter Music play.

[Function Keys]

	Returns to menu screen from MP3 playback mode.
	Shows the list of MP3 files currently played back.
	: Volume Control. : Moves to the previous and next music file. : Play / Pause
	Volume Control.
	Returns to the previous stage.
	Returns to Standby mode.

[Set]

Standby Mode → [..] → Press 8 → Press 1 → [..]

Display

You can choose the MP3 player Display.

Equalizer

You can choose a equalizer effect of the MP3 player.

Shuffle

Shuffles and plays back music files in the list.

Setting it to On shuffles and plays back music files in arbitrary order where Off plays back music files sequentially in the order of list.

Repeat

Sets the repeating option of MP3 playback.

Off : Does not repeat.

Once : Repeats the MP3 file currently played back.

All : Plays back all the MP3 files in the list and then repeats from the beginning.

Edit Playlist

You can choose an MP3 file to playback.

1. In Standby mode, press the [..] key to display menu screen.
2. Press number 8 to enter MP3 Player.
3. Press number 2 to enter Edit Playlist.

[Function Keys]

[..]	Returns to the option screen.
[...]	Returns to the MP3 Player mode.
[MP3]	[Back] : Selects a Playlist.
	[Back] : Selects a music file.
[CLR]	Returns to the previous stage.
[Power]	Returns to Standby mode.

[Option]

Standby Mode → [Menu] → Press 8 → Press 2 → [Menu]

Select All : Selects all music files in the list to playback.
Clear All : Deselects all selected music files in the list.
Invert : Inverts your selection by deselecting selected files and selects not selected files.
About Track : Shows the details of the selected file.

Joy World

You can enjoy various functions such as Internet and Game.

Internet

Your handset supports WAP browser so that you can connect to and use wireless internet connection.
1. In Standby mode, press the [Menu] key to display menu screen.
2. Press number 9 to enter Joy World.
3. Press number 1 to enter Internet.
   Or, press the [OK] key in Standby mode to enter Internet directly.

[Home]

Select this item to connect to the internet and it will display the Home page of the wireless internet service

Standby Mode → [Menu] → Press 9 → Press 1 → Press 1

[Bookmarks]

Using this function, you can store a URL of your favorite site.

Standby Mode → ⋯ → Press 9 → Press 1 → Press 2

Add

1. Press the ⋯ key to display the option screen.
2. Press number 1 to add a new bookmark.
3. Give the bookmark a URL, Title, and assign a Folder. Press the OK key to save the bookmark.

Edit

1. Select a URL to edit and then press the ⋯ key to display the option screen.
2. Press number 2 to edit the bookmark.
3. Edit selected bookmark as in Adding a New Bookmark, and then press the OK key to save it.

Delete

1. Select a URL to delete and then press the ⋯ key to display the option screen.
2. Press number 3 to delete the selected URL only.

Set as Home

1. Select a URL to Set as Homepage and then press the ⋯ key to display the option screen.
2. Press number 4 to set the selected URL as home.

[Go to URL]

You can enter the URL directly and connect to the site.

Standby Mode → ⋯ → Press 9 → Press 1 → Press 3

[Profile Settings]

Using this function, you can setup WAP browser options.

Standby Mode → ⋯ → Press 9 → Press 1 → Press 4 → Select a service provider

Profile Name

Enter Profile Name.

Homepage

Enter Homepage.

Connect Mode
Select the connect mode option from CL / CO / TCP.
IP Address
Enter IP Address
GPRS Data Attach
Attach the selected service provider.
GSM Data Attach
Attach the selected service provider.
Detach Data Account
Detach the selected service provider.

[General Settings]

Standby Mode → Press 9 → Press 1 → Press 5

Access Type
Select the Access Type option from GPRS preferred / GSM only / GPRS only.

Push Access
Sets the WAP push access option.
Load Images
Sets to display the image in WAP.
Data Account
GSM Settings
- Setup : Using this function, you can set the selected service provider's data call type, dial-up number, log-in name and password.
- Add : Using this function, you can add a new service provider.
- Edit : Using this function, you can edit the name of the selected service provider.
- Delete : Using this function, you can delete the selected service provider.

GPRS Settings
- Setup : Using this function, you can set the selected service provider's APN, Log-in Name, Password and Local address.
- Add : Using this function, you can add a new service provider.
- Edit : Using this function, you can edit the name of the selected service provider.
- Delete : Using this function, you can delete the selected service provider.

[History]
Shows the list of the contacted URL records.

Standby Mode → [..] → Press 9 → Press 1 → Press 6

[WAP Inbox]
Stores the WAP Push Messages.

Standby Mode → [..] → Press 9 → Press 1 → Press 7

[Clear Cache]
Clears the WAP browser's cache memory.

Standby Mode → [..] → Press 9 → Press 1 → Press 8 → [..]

Games

You can enjoy games using your handset.

1. In Standby mode, press the [..] key to display menu screen.
2. Press number 9 to enter Joy World.
3. Press number 2 to enter Games.
   Enjoying Games may consume more battery power.
4. Select the game and press the [OK] key to start the game.

OTHER FUNCTIONS

- PCSync Installation Guide
- Safety Information
- Glossary

VK4000

PCSync Installation Guide

PCSync package is optional product.

What is PCSync?

PCSync is a program that allows PC to connect to a mobile terminal for transmitting data such as phone numbers compiled by PC, reading and editing data of a mobile terminal on PC, and uploading and downloading images and melodies between PC and a mobile terminal.

Operation requirements

CPU : Pentium II 300 (x86 compatible processor)
RAM : 64 MB or higher (128 MB recommended)
VGA : 800 x 600 (16 bit color or higher)
HDD : 20 MB free space
OS : Microsoft Windows 2000, XP or higher
CD-ROM : CD-ROM/DVD-ROM (4x or higher)
Mouse : Serial mouse / PS / 2 Mice / USB mouse

Installation Media
You are sure to need the Installation Package File (EXE or ZIP) that in the Accessory CD offered from provider or Internet download.
Need more information, contact provider website. (http://www.vkmobile.com)

Installation
Install VK PCSync package according to instructions
Installation Package file name has the format like that "PCSyncM.N.R_VK.EXE".
M = Major Number, N = Minor Number, R = Revision Number.

Plug in the cable to PC

Plug in the cable to the phone
Windows should recognize the cable and find the driver for it, and install VK USB driver according to instructions.

Execute VK PC Sync
Checking the power of mobile, connecting the cable between PC and mobile.

Safety Information

Password Input
There are several passwords that are used by your phone and its SIM card. These passwords help you protect your phone against unauthorized use.

Phone Password
The phone password is used for unlocking the keys, deleting all Phonebook entries, restoring the factory setting, and locking or unlocking the phone. If the Phone Lock feature is enabled, you must enter the password each time the phone is turned on.

This password can be used to avoid unauthorized use of your phone. The password is usually preset to "0000".

PIN Code
PIN(Personal Identification Number)code protects your SIM card against unauthorized use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled, the code is asked each time the phone is switched on.

If you key in incorrect PIN code three times in succession, the phone will lock and you will be required to enter

a PUK code. When you enter a new PIN code, you will have no enter your new password twice to confirm correct.

PIN2 code

Some SIM cards are provided with a PIN2 code. To use a function this code may be required. The use of this code requires the support of the SIM card.

If you key in an incorrect PIN2 code three times in succession, enter the PUK 2 code and then press the OK key.

When you enter a new PIN2 code, you will have to enter it twice for confirmation and then press the OK key.

PUK code

The PUK (Personal Unblocking Key) code is used for changing a blocked PIN code. This code is usually supplied with the SIM card, if not contact your service provider.

If you key in an incorrect PUK code ten times in succession, the SIM card will become void and you must obtain a new card. As the PUK code cannot be changed, contact your service provider if you forget the code.

PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you key in an incorrect PUK2 code ten times in succession, you cannot use the functions requiring the PIN2 code. Contact your service provider for a new card. You cannot change the PUK2 code. If you lose the code, contact your service provider.

Barring Password

The 4-digit barring password is required when you use the Call Barring function. You can obtain the password from your service provider when you subscribe to this function.

Using the Batteries

The battery provided with the phone is a Lithium slim battery.

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network base station, it uses less power ; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge, the type of battery, and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.

- Use only approved batteries and recharge your battery only with approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0℃ (32℉).
- Accidental short circuiting can occur when a metallic object (coin, clip or pen)causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Safety Information

Traffic Safety

Do not use a hand-held mobile phone while driving a vehicle. If using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder, do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.
The use of an alert device to operate a vehicle lights or horn on public roads is not permitted.

Remember, road safety always comes first!

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference of danger.
When connecting the phone or any accessory to another device, read its users guide for detailed safety instructions. Do not connect incompatible products.
As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone.

Pacemakers

Using the phone within 6 inches (20cm) may cause a potential interference with a pacemaker.

Persons with pacemakers:

- Should always keep the phone more than 6 inches (15cm) from their pacemaker when the phone is switched on.
- Should not use the phone near around their chests.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids
Some digital mobile phones may interfere with some hearing aids. For more information, contact your service provider.

Other Medical Devices
Electromagnetic waves generated from the cellular phones may dangerously affect medical devices. Switch off your phone in health care facilities in accordance with their regulations.

Car
Electromagnetic wave signals may affect improperly installed or inadequately shielded electronic systems in a car. Check with the manufacturer regarding your car before using your phone.

Potentially Explosive Atmospheres
Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.
Users are advised to switch off the phone while at a refueling point (service station). Also switch your phone off when you are below deck on boats; in chemical transfer or storage facilities and in vehicles using liquefied petroleum gas as the air may contain chemicals or particles such as grain, dust or metal powders.

Vehicles
Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous.
Check regularly that all mobile phone equipment on your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
Do not install your mobile phone equipment near an air bag. If the air bag inflates, your phone may be damaged.
Switch off your phone before boarding an aircraft. The use of mobile phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.
Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Emergency Calls

Important!

This phone, like any mobile phone, operates using radio signals, wireless and landline networks as well as user-programmed functions that cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and phone features are in use. When you cannot use this function, contact your local service provider.

To Make an Emergency Call :

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 999 or other official emergency number). Emergency numbers vary by location.
3. Press the SOS key. If certain features are in use (key guard, restrict calls, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be only means of communication at the scene of an accident-do not cut off the call until given permission to do so.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. Carefully read the following information :

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas.
- Do not store it in hot or cold areas. High or low temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap and water solution.
- Do not paint the phone. Paint can clog the devices moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications of attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility.

Radio Frequency (RF) Signals

This VK4000 model meets international standards for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. Those guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg. *
Tests for SAR are conducted in accordance with CENELEC * *testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g.,at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body.
The highest SAR values of this model are DCS band head SAR : 0.102 mW/g, GSM band head SAR : 0.641 mW/g. While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirement for safe exposure.

Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

* **The SAR limit recommended by international guidlines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.**

* * **CENELEC is a European Union standard body.**

Glossary

Airtime
Actual time spent talking on the wireless phone. You are billed according to this reference.

Antenna
A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

ALS (Alternate Line Service)
ALS provides the capability of associating two alternate lines with one SIM card. You can make and receive calls on either line as desired with this service.

Call Barring
Ability to restrict outgoing and incoming calls.

Call Divert
Ability to reroute calls to another mobile or fixed line.

Call Holding
Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting
Ability to inform users that they have an incoming call when engaged on another call.

CLI (Caller Line Identification) Service
Service allowing subscribers to view or block the telephone numbers of callers.

Conference Calling
Ability to establish a conference call involving up to five additional parties.

DTMF (Dual-tone Multi Frequency)
You send DTMF signals when you enter numbers by pressing the digit keys.

Hands-Free
A feature that permits a driver to use a wireless phone without lifting or holding the handset an important safety feature for automobiles, tractors and most other motorized vehicles.

GSM (Global System for Mobile Communication)
International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

LCD (Liquid Crystal Display)
Commonly used to refer to the screen display on the wireless phone.

LED (Light Emitting Diode)
Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The lights on the charger indicate that battery charging is taking place.

PIN (Personal Identification Number)
Security code that protects the phone against unauthorized use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)
Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming
Use of your phone when you are outside your home area (when traveling for example).

SIM (Subscriber Identification Module)
A card containing an integrated circuit. The circuit contains the information about the phone operation.

SMS (Short Message Service)
A network service sending and receiving messages to and from other persons without the need to call. The incoming messages immediately appear on the display, and you can edit, receive and send the messages.

Soft Keys
The function of this key :
- Varies according to the function that you are currently using.
- Is indicated on the bottom line of the display just above the corresponding key.

Voice Mail
When you cannot be reached, you can record your voice using this function.

Wireless
Receives signals. There is not need to connect using a physical connection, such as a metal wire (copper) or fiber optic cable.

For more details, contact your local service provider. There may be some differences between the phone and user manual.

MEMO

MEMO